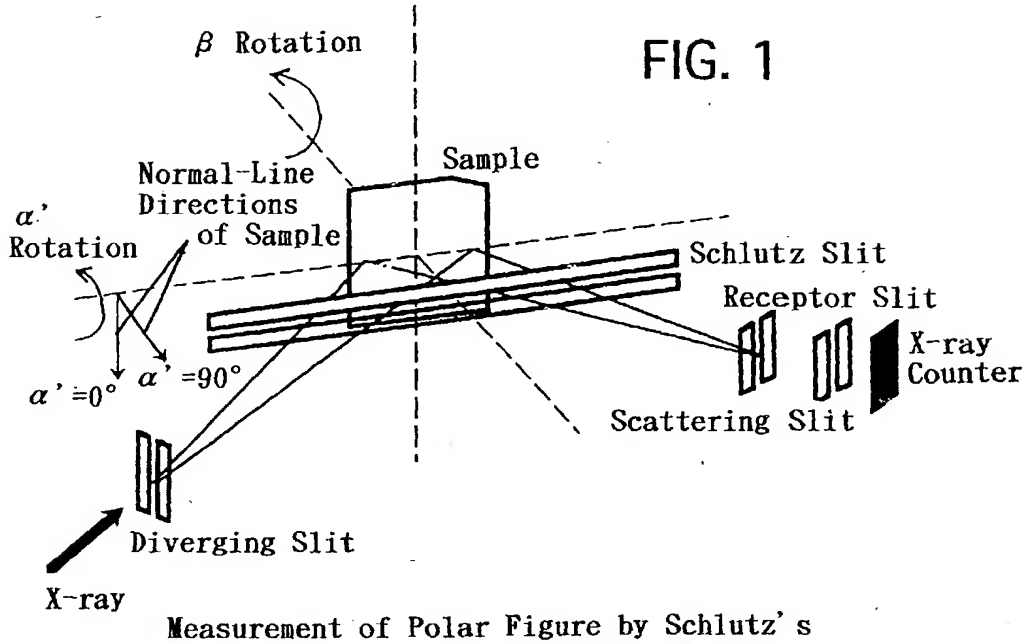
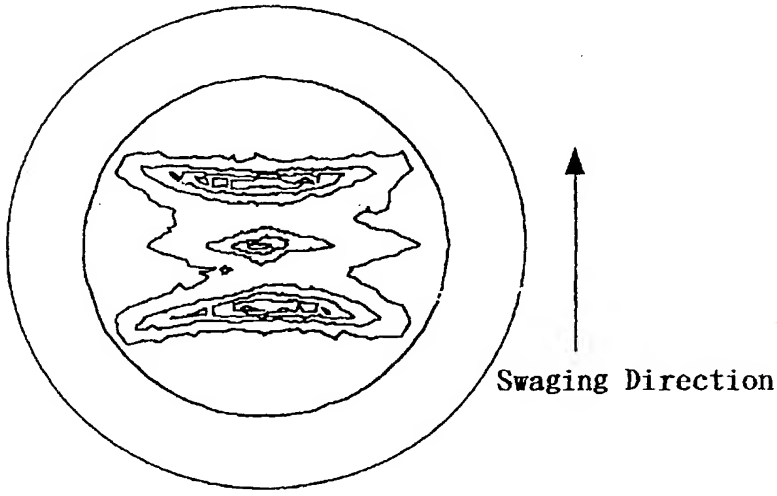
FIG. 1



Measurement of Polar Figure by Schlutz's Reflection Method

FIG. 3



1 Scale:1,000cps

(110) Polar Figure Obtained in Sample No. 1

FIG. 2

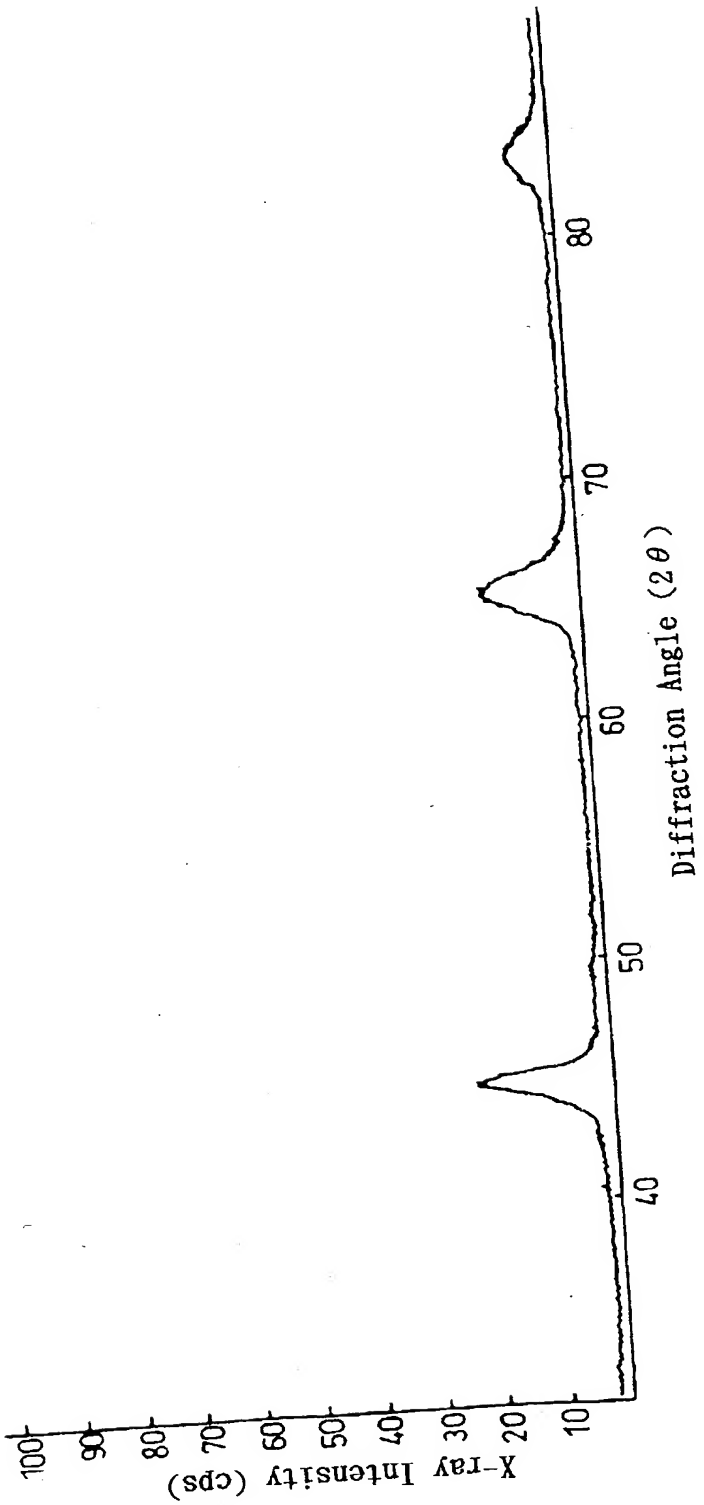
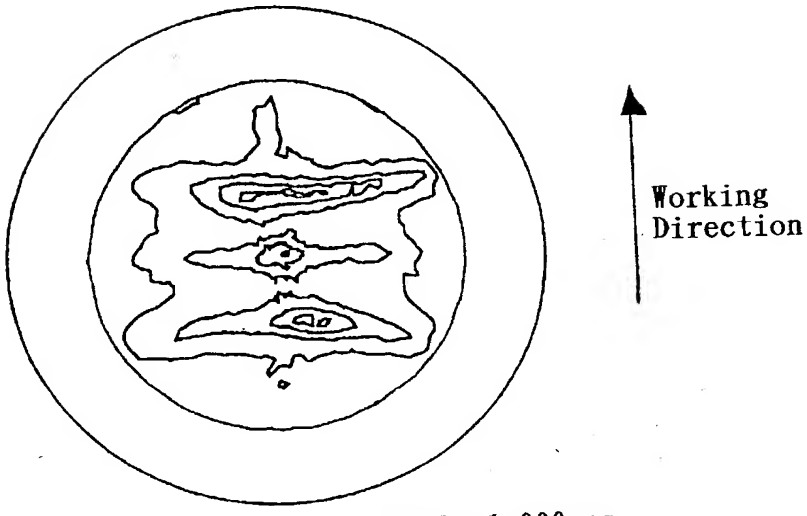


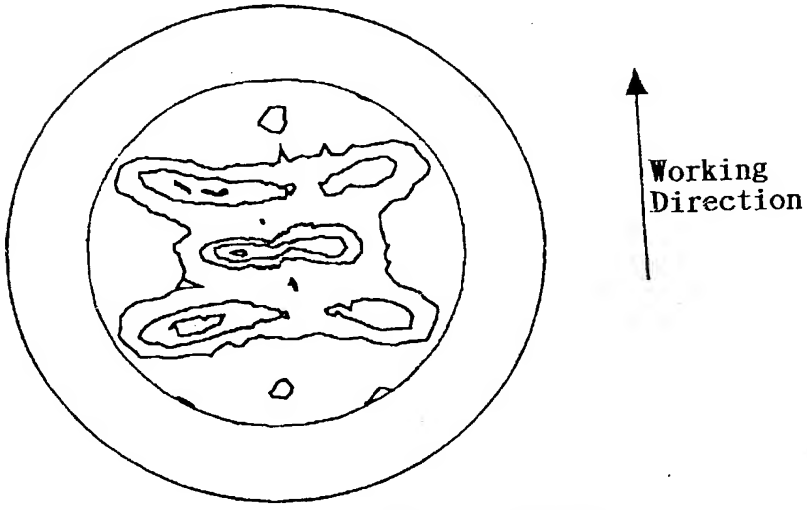
FIG. 4



1 Scale:1,000cps

(110) Polar Figure Obtained in Sample No. 4

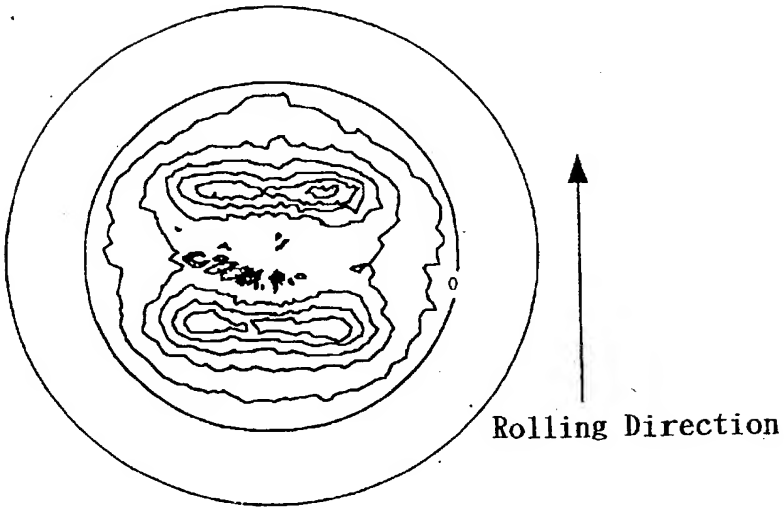
FIG. 5



1 Scale:1,000cps

(110) Polar Figure Obtained in Sample No. 5

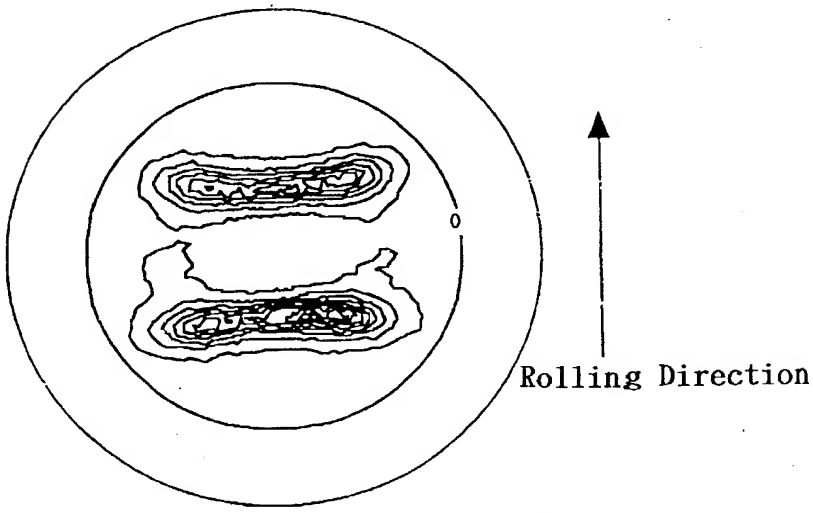
FIG. 6



1 Scale:500cps

(110) Polar Figure Obtained in Sample No. 2

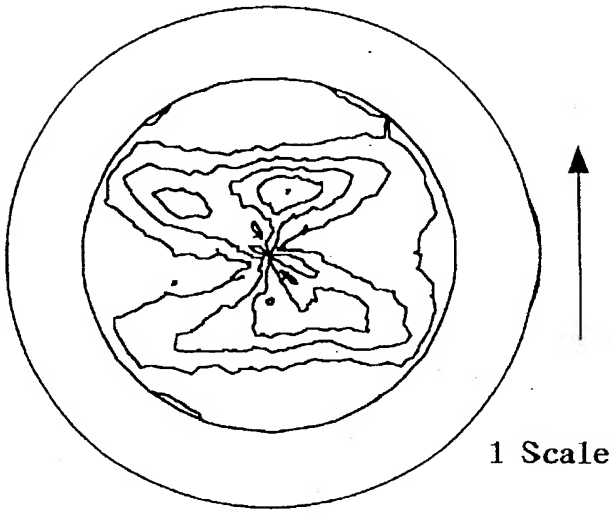
FIG. 7



1 Scale:1,000cps

(110) Polar Figure Obtained in Sample No. 3

FIG. 8



(110) Polar Figure Obtained in Comparative Sample

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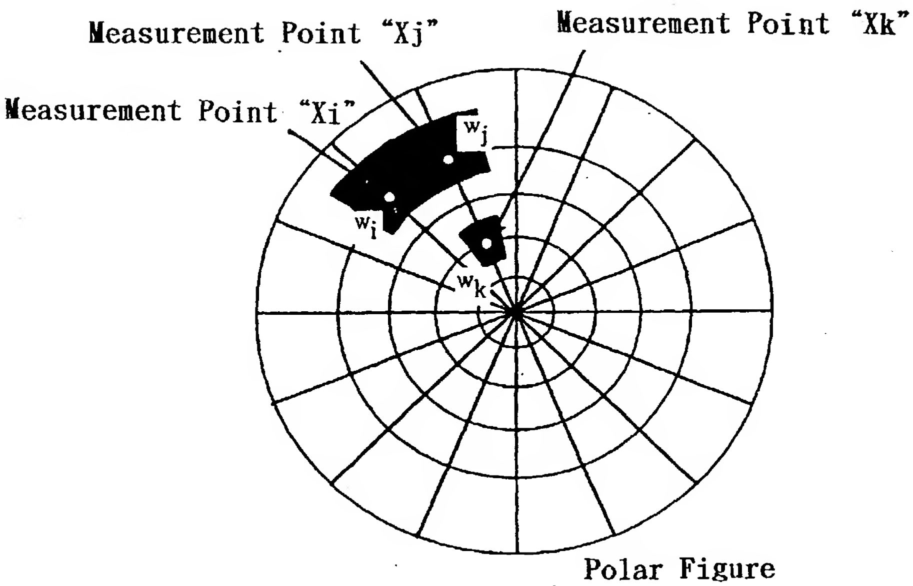
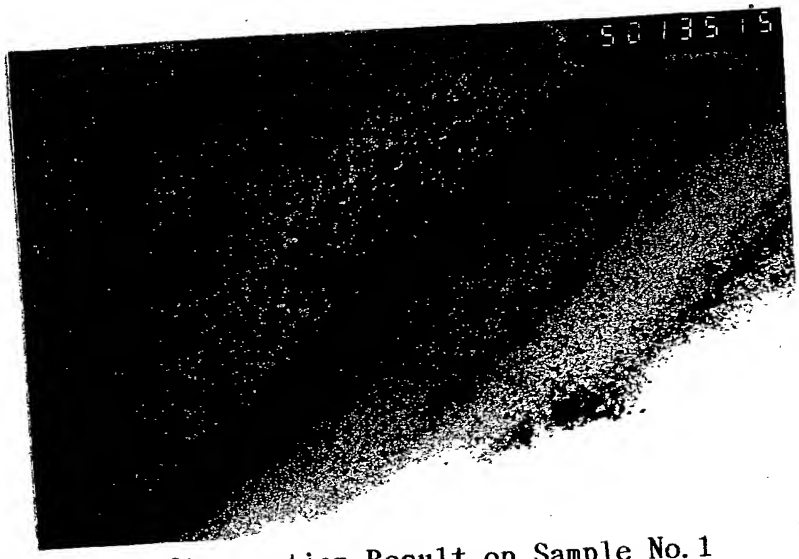
FIG. 9



Definition of "w" Constituting Weighting Function "W" (Only 3 examples are shown.)

FIG. 10

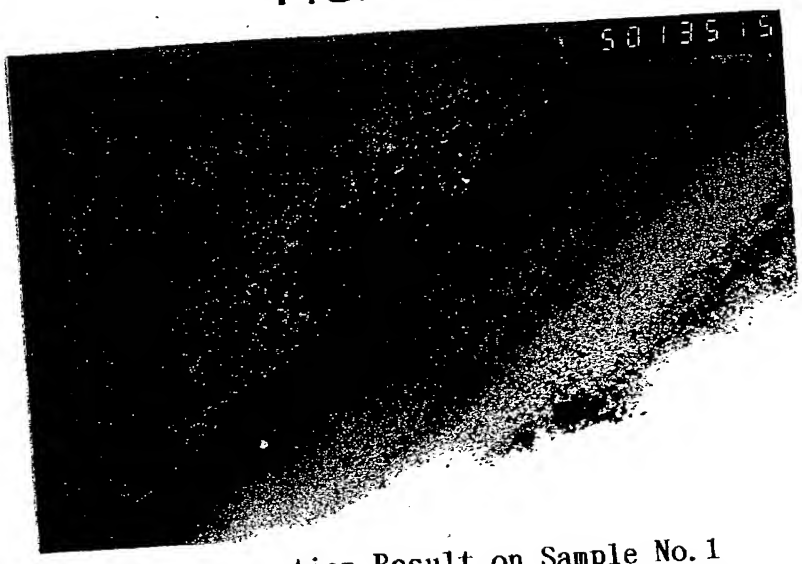


TEM Observation Result on Sample No. 1
(Bright Field Image)

FIG. 11

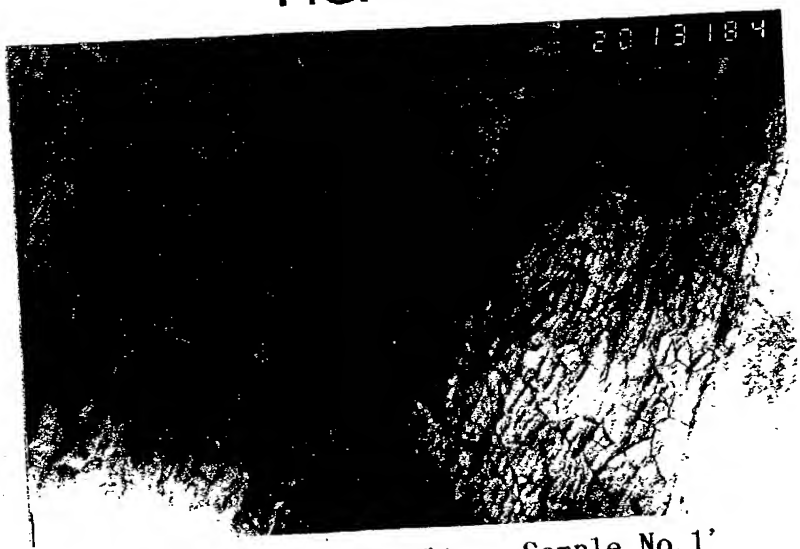
TEM Observation Result on Sample No. 1'
(Bright Field Image)

FIG. 10



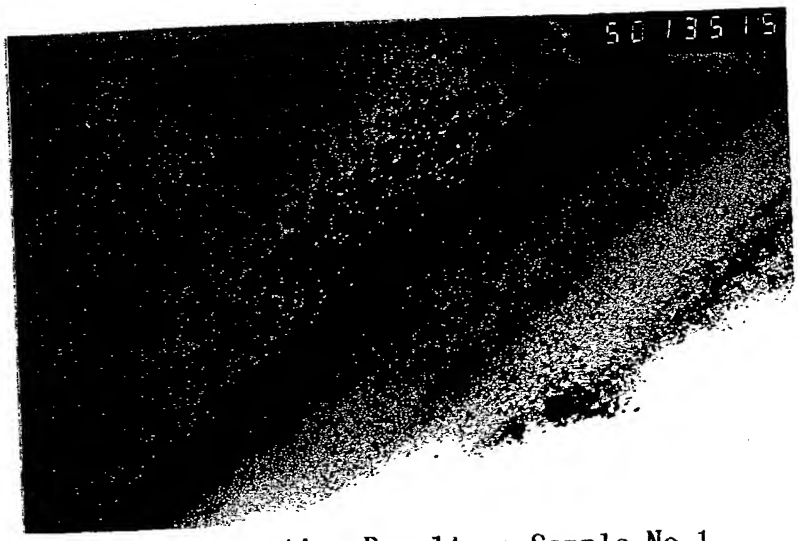
TEM Observation Result on Sample No. 1
(Bright Field Image)

FIG. 11



TEM Observation Result on Sample No. 1'
(Bright Field Image)

FIG. 10



TEM Observation Result on Sample No. 1
(Bright Field Image)

FIG. 11

TEM Observation Result on Sample No. 1'
(Bright Field Image)

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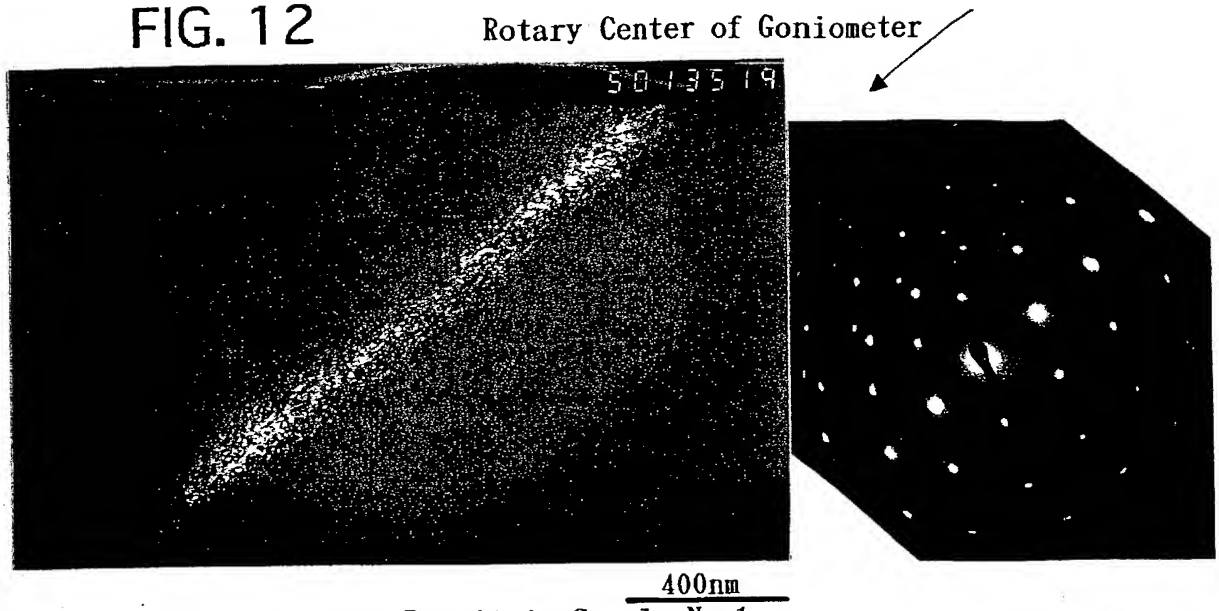
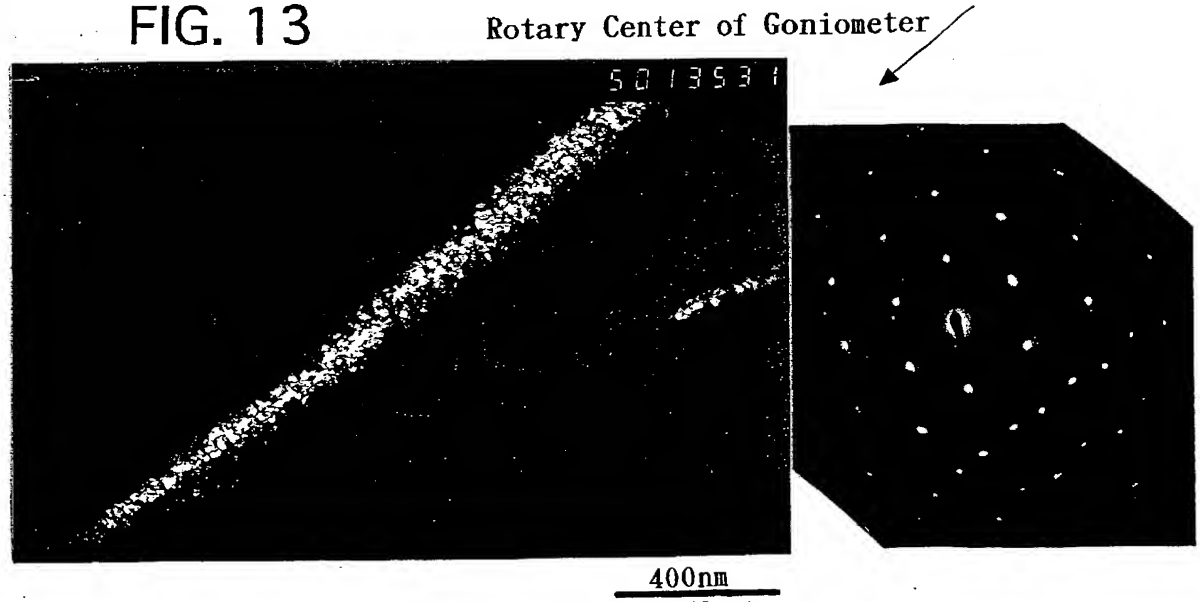
FIG. 12



TEM Observation Result in Sample No. 1
Electron Diffraction Pattern and Dark Field
Image Using 110 Diffraction Point
Value read by goniometer was -16.3°.

FIG. 13



TEM Observation Result in Sample No. 1
Electron Diffraction Pattern and Dark Field
Image Using 110 Diffraction Point
Value read by goniometer was 6.1°.

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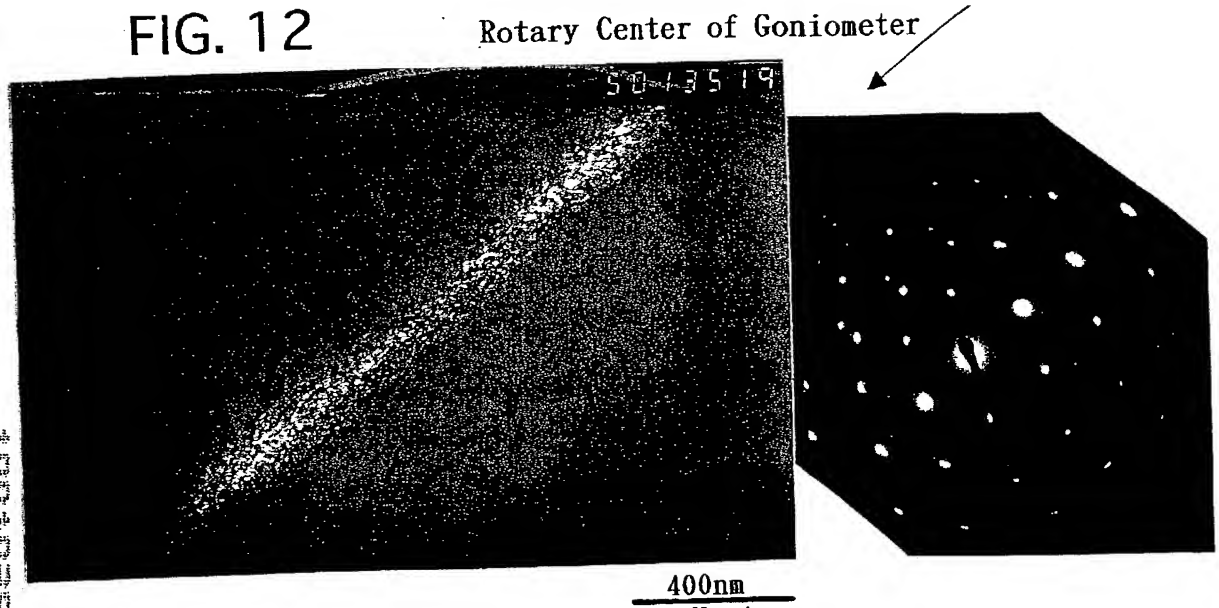
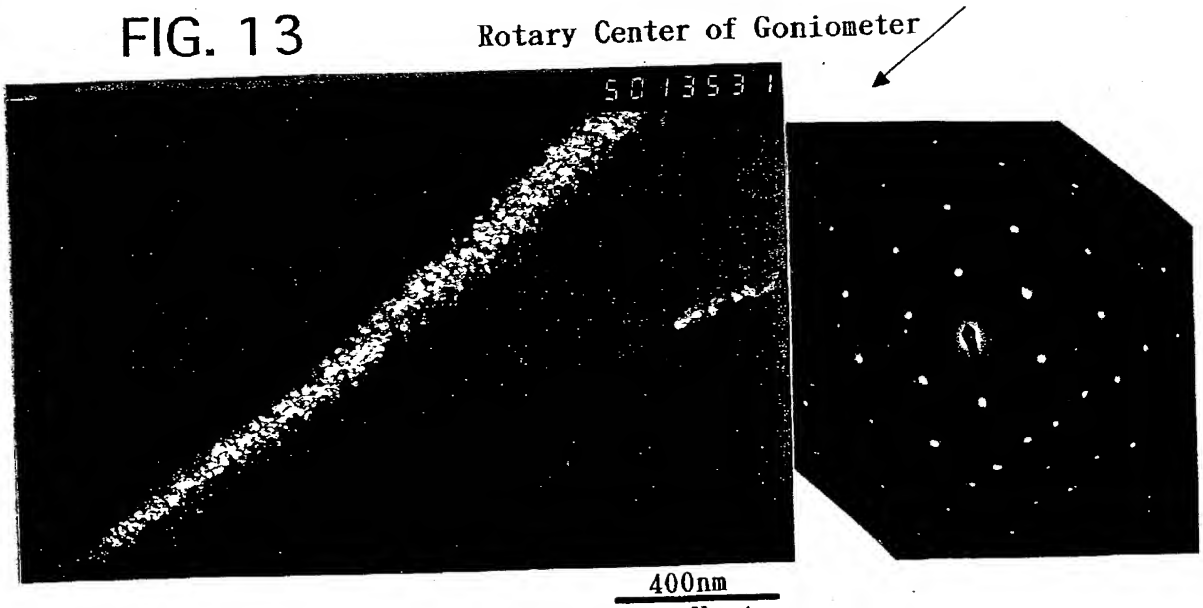
FIG. 12



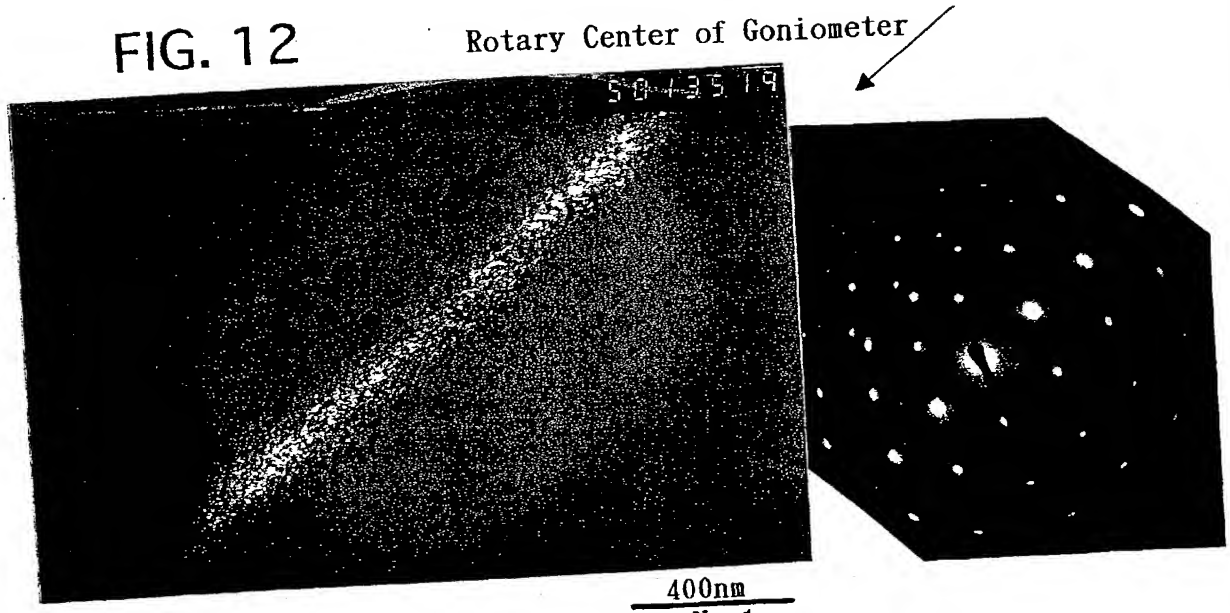
TEM Observation Result in Sample No. 1
Electron Diffraction Pattern and Dark Field
Image Using 110 Diffraction Point
Value read by goniometer was -16.3°.

FIG. 13



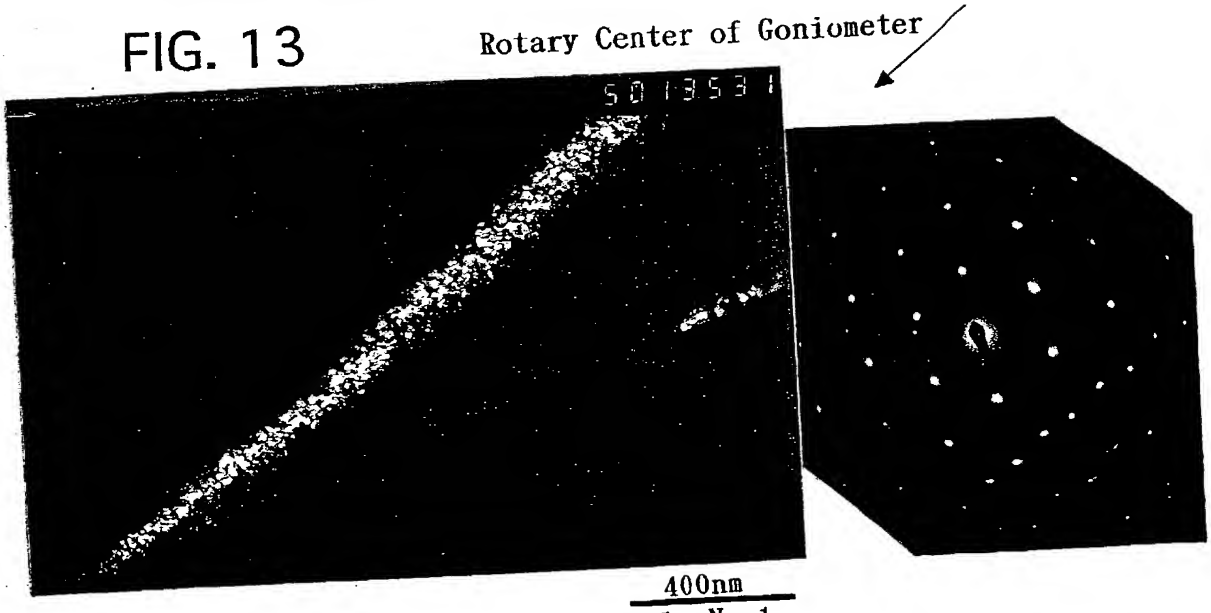
TEM Observation Result in Sample No. 1
Electron Diffraction Pattern and Dark Field
Image Using 110 Diffraction Point
Value read by goniometer was 6.1°.

FIG. 12



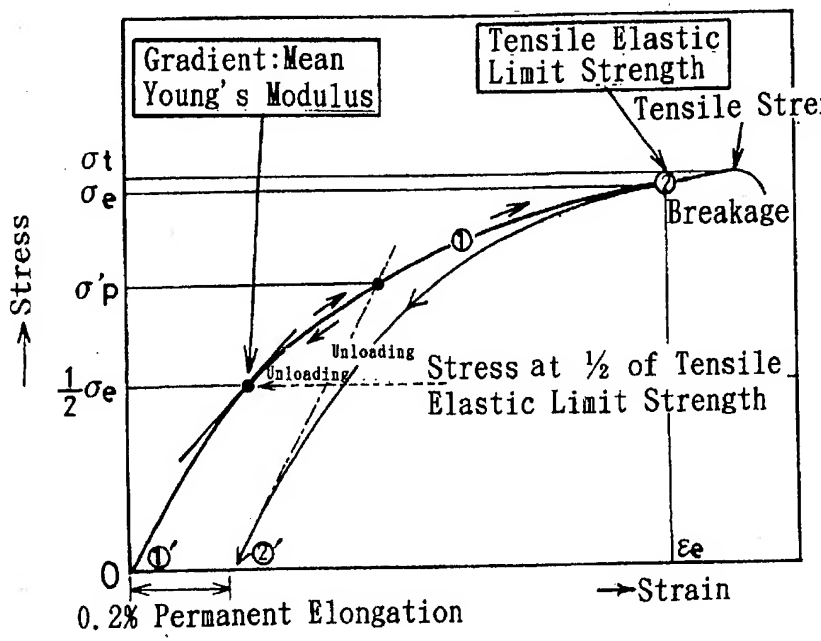
TEM Observation Result in Sample No. 1
Electron Diffraction Pattern and Dark Field
Image Using 110 Diffraction Point
Value read by goniometer was -16.3°.

FIG. 13



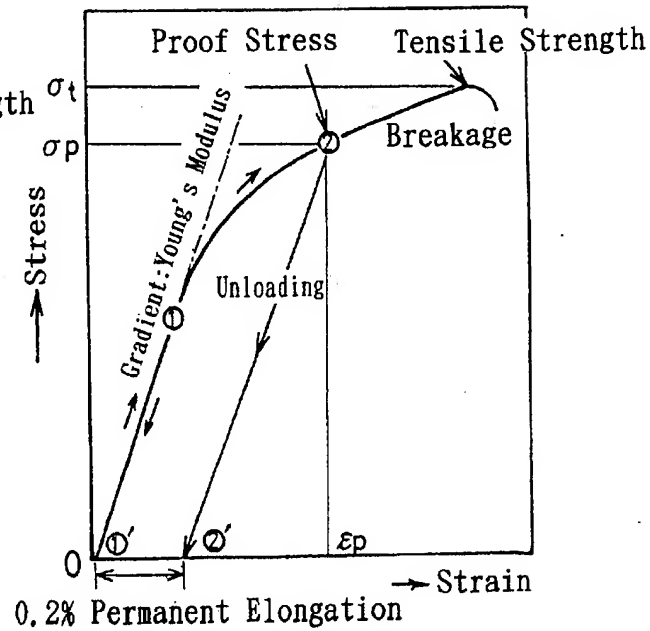
TEM Observation Result in Sample No. 1
Electron Diffraction Pattern and Dark Field
Image Using 110 Diffraction Point
Value read by goniometer was 6.1°.

FIG. 14A



Titanium Alloy of Present Invention

FIG. 14B



Conventional Titanium Alloy